



## PATENT ABSTRACTS OF JAPAN

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**(54) HAIR LOTION HAVING IMPROVED PROPERTIES  
IN HAIR-PROTECTING ACTION, HAIR  
REDUCTION-PREVENTING ACTION AND ACTION  
FOR LOWERING EXTERNAL ACTION OF  
ANDROGENIC ALOPECIA AND THE RESULTING  
HAIR DAMAGE**

(57) Abstract:

**PROBLEM TO BE SOLVED:** To prepare a hair lotion capable of lowering an androgenic decalvant action to prevent the decrease of hair and induce and promote the growth of hair.

**SOLUTION:** This hair lotion is prepared by adding a mixture as an active ingredient to an alcoholic or hydroalcoholic medium containing auxiliary ingredients, such as vitamins, colorants and

aromatic agents, acceptable to cosmetics. The mixture as the active ingredient is obtained by mixing an extract (L) of *Humulus lupulus*, an extract (R) of *Rosmarinus officinalis* L., an extract (Sw) of *Swertia japonica*, and silanodiol salicylate (Ssi) in an amount ratio of L>R>Sw>Ssi. When the hair lotion is applied to the scalp of an androgenic alopecia patient according to an intensive treatment program for applying a prescribed dose of the hair lotion to the patient everyday for six weeks and to the subsequent maintenance program for applying the hair lotion every other day for two months, the reduction of hair can be prevented, and the growth of new hair can be confirmed.

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